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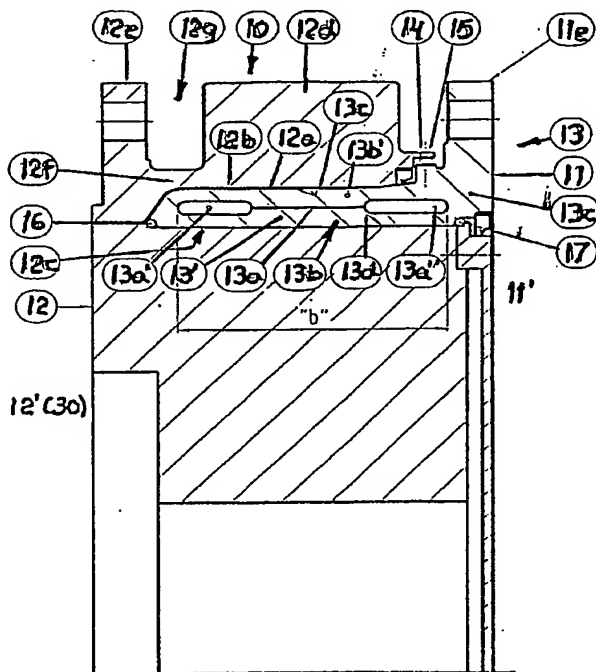
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(54) Title: A SAFETY COUPLING ARRANGEMENT



(57) Abstract: The present invention relates to a safety coupling arrangement (10) comprising a first coupling part (11, that can be adapted for fixed co-action with a shaft, axle or the like that functions to transfer torque and rotary movement to said safety coupling, and a second coupling part (12) which is adapted for fixed co-action with a shaft, axle or the like to transfer torque and rotational movement from the safety coupling, and further comprising a safety unit (13). The safety unit is adapted to take one of two settings, a first setting, in which torque and rotary movement can be transferred between said two coupling parts (11, 12) and a second setting, in which no torque and rotational movement can be transferred between said two coupling parts. The safety unit (13) includes a subpart or a body (13') that can take said first setting as a result of expansion caused by applying pressure to a cavity (13a) in the safety unit and enclosing said pressure in said cavity, and is able to take its second setting by evacuating said pressure from the cavity. The second coupling part (12) includes an axially directed or generally axially directed groove (12a) which is adapted to be able to surround a pressure expandable subpart (13a; 13b, 13b') in said safety unit (13) or said first coupling part (11) and the whole or essentially the whole of said cavity (13a), wherein said expandable subpart (13'), when in its first setting, functions to allow torque to be transferred directly to said first coupling part (11) or said second coupling part (12) via two mutually opposing surface parts (13c, 13d) which are frictionally active against opposing outer parts (12b, 12c) of

the axially directed groove (12a).



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